

SENIOR WATER MAINTENANCE TECHNICIAN

DISTINGUISHING FEATURES

The fundamental reason the Senior Maintenance Technician position exists is to serve as the team leader in the activities of the water and wastewater treatment maintenance group for the Water/Wastewater Treatment Facility in the Water Resources Department. This group is responsible for the repair, maintenance and operation of complex equipment such as chlorinators, water and wastewater pumps and chemical feeders essential to the operation of water and wastewater treatment facilities. This classification receives general supervision from the Water/Wastewater Treatment Facility Manager.

ESSENTIAL FUNCTIONS

Responsible for the journeyman level repair and maintenance on all types of valves, pumps and equipment including chlorinators, evaporators, electric and hydraulic valves, blowers and fans.

Works with engineering and administration level personnel regarding installation of new or replacement equipment and coordinates mechanical preventative maintenance and repairs with plant operations personnel.

Plans, organizes and schedules preventive maintenance such as greasing, lubing, oil changes, re-packing or replacing seals or bearing, chain or gear adjustments.

Maintains accurate computerized maintenance management system covering various equipment related to large, complex water and wastewater treatment systems.

Oversees fabrications and upgrades such as stairs, railings, tank installations, plumbing and piping within the facilities.

Directs and trains all maintenance personnel assigned to the Water and Wastewater Treatment Division. Schedules, assigns, instructs and evaluates assigned personnel in the performance of their duties.

Determines and specifies maintenance and repair requirements to ensure safe and efficient operation.

Establishes technical regulations pertaining to the operation of equipment such as temperatures, pressures, flow rates, operational sequences, service and shutdowns. Prepares reports and documentation on work progress and proposed changes.

Initializes the ordering of materials, maintenance supplies, and new equipment from outside vendors.

Prepares and submits reports of activities and findings.

Attendance and punctuality are essential to this position.

MINIMUM QUALIFICATIONS

Knowledge, Skills, and Abilities

Knowledge of:

Aspects related to the maintenance and repair of water and wastewater treatment systems at a highly skilled level.

Ability to:

Work irregular hours and respond to plant emergencies as needed.

Prepare accurate and detailed reports related to the improvement or repair of critical facility equipment.

Read and understand construction and shop schematics and other detailed drawings related to the facility equipment.

Meet all Arizona department of OSHA guidelines related to water and wastewater treatment facilities.

Operate a variety of equipment and machinery requiring continuous or repetitive arm-hand movements.

Move and lift heavy objects (50 pounds or more) both short and long distances.

Walk up and down stairs and over rough terrain.

Work in adverse conditions, including extreme hot temperatures, cold temperatures, wind, rain and a high volume of noise.

Communicate effectively with the public in the explanation of federal, state and local regulations and requirements.

Establish and maintain effective working relationships with co-workers, supervisors, and the general public.

Enter data or information into a terminal, PC or other keyboard device.

Communicate effectively both verbally and in writing.

Listen and communicate effectively with a diverse group of people.

Prioritize schedule and work tasks for others and complete work within specified time periods and deadlines.

Education & Experience

Any combination of experience and education equivalent to five (5) years of skilled experience at a journeyman's level in the maintenance and repair of complex equipment related to water and wastewater treatment systems. Two years experience in a supervisory or lead capacity is preferred.

Technical or trade training in mechanical and electrical work is needed.

Grade II Level Certification in water or wastewater treatment from the Arizona Department of Environmental Quality is required.

A valid Arizona Driver's License and no major driving citations in the last 39 months for all driving positions.

FLSA Status: Non-exempt

HR Ordinance Status: Classified